



Specifications of Machines

SPECIFICATIONS OF MACHINES

MODEL	FTC-10	FTC-20	FTC-20L	FTC-30	FTC-50	FTC-50L
SWING OVER BED / FRONT COVER mm	ø 520	ø 560	ø 600	ø 580	ø 750	
STANDARD TURNING DIAMETER mm	ø 180		ø 250	ø 310		ø 271
MAX. TURNING DIAMETER mm	ø 240		ø 350	ø 450		ø 640
MAX. TURNING LENGTH mm	255	343	613	621	808	1,440
HYDRAULIC POWER CHUCK DIAMETER "	6"		8"		10"	15"
SWING OVER CARRIAGE mm	ø 260	ø 350	ø 400	ø 450		ø 550
X AXIS TRAVEL mm	120 + 20		175 + 25		225 + 25	320 + 25
Z AXIS TRAVEL / OPT mm	290	380	650	670	870 / 1,500	
RAPID TRAVERE X / Z AXIS m/min	24 / 24		24 / 24		20 / 20	20 / 20
SPINDLE NOSE	A2-5		A2-6		A2-8	A2 - 11
SPINDLE SPEED rpm	6,000		4,500		3,500	2,000 (2.Step)
SPINDLE BORE mm	ø 56		ø 62		ø 88	ø 131
THROUGH HOLE DRAW TUBE mm	ø 45		ø 52		ø 75	ø 117.5
SPINDLE BEARING DIAMETER mm	ø 90		ø 100		ø 130	ø 180
SPINDLE TAPER	MT # 6		1 : 20		1 : 20	1 : 20
TURRET TOOL POSITIONS	10 T		8 T		8 T	12 T
STANDARD O.D. TOOL SIZE mm	<input type="checkbox"/> 20		<input type="checkbox"/> 25		<input type="checkbox"/> 25	<input type="checkbox"/> 32
I.D. TOOL SIZE (MAX) mm	ø 25		ø 40		ø 40	ø 50
TAILSTOCK QUILL DIAMETER mm	ø 50		ø 65		ø 100	ø 100
TAILSTOCK QUILL STROKE mm	80		90		100	100
TAILSTOCK QUILL TAPER	MT-3		MT-4		MT-4	MT-5
SPINDLE MOTOR (30 min / continuous) kW	11 / 7.5		18.5 / 15		22 / 18.5	26 / 22
SERVO MOTOR kW	X=1.2 / Z=1.2	X=1.6 / Z=3.0	X=3.0 / Z=3.0	X=3.0 / Z=3.0		X =4.0 / Z=4.0
COOLANT CAPACITY liter	95	100	250	95	200	350
FLOOR SPACE mm	1,795 x 1,317	2,530 x 1,535	2,750 x 1,535	2,920 x 1,685	4,500 x 2,125	5,400 x 2,125
MACHINE WEIGHT kgf	2,500	3,550	3,850	5,080	9,550	10,500

STANDARD ACCESSORIES

- Through-hole hydraulic chuck
- Face cutting holder
- Boring tool holder
- Boring bar socket
- Morse taper MT3 socket
- Hard jaws
- Soft jaws
- Heat exchanger
- Chip conveyor/chip bucket (STD in FTC-50 only)
- Programmable tailstock (STD in FTC-50 only)

OPTIONAL ACCESSORIES

- Chip conveyor/chip bucket
- Extra hard/soft jaws
- Automatic door
- Parts catcher
- Bar feeder interface (LNS system)
- Bar feeder
- Programmable tailstock (not available in FTC-10)
- VDI turret (not available in FTC-10)
- VDI tool holders
- Two-stage clamping force by M function
- High-pressure coolant pump
- Bigger chuck

* Specifications are subject to change without notice.